

All COR ISO Recommendations

Latent Condition, Seismic and ISS

Friday, October 12, 2012 11:27:42 AM

Type	Rec #	ABU	Unit	Year (I/R)	LC or ISS Question #	LC Question ISS Question Seismic Area	Observation	Recommendation	Resolution	Duc Date	Assigned To	Status
Latent Condition	554	Cracking	FCC	2008	3-13	Are all equipment labels (e.g., vessels, piping, valves, instrumentation, etc.) easy to read (clear and in good condition)?	Vessels, equipment and control valve labels are in good condition in FCC. However, piping labels need improvement.	Consider labeling piping.	We have a pipe labeler that operations can have labels made. During Observations or routine plant audits operations can request labels to be made at any time.	10/13/2009	Salomon, Karla J.	Completed
Latent Condition	555	Cracking	FCC	2008	3-22	Are pipelines and electrical conduit clearly labeled at points where they become invisible (e.g., routed underground)?	Conduit is not routinely labeled in the refinery. This is not seen as an issue due to the limited amount of conduit that is run under ground, and the electrical drawings that are available and required for the approval of an excavation permit. Pipelines are not clearly labeled.	Consider labeling pipelines and conduit when routed underground. Pipeline issues are addressed and being labeled.	A plant audit was conducted and the operations group decided on which pipes will be labeled.	10/13/2009	Salomon, Karla J.	Completed
Latent Condition	556	Cracking	FCC	2008	3-50	Does the level of automation allow sufficient operator involvement so operators do not feel detached from the process, particularly during emergency situations where they must assume manual control?	Manual control is readily available if needed. Operators are sufficiently in touch with the process. New automatic advanced control system makes day to day moves for the operators. This results in the operator being detached from normal operation in regards to size and results of moves.	Consider turning advanced control system off periodically.	Operations can and does turn off the DMC as needed for training. This is specific to the operators needs. There is no direction that states they cannot turn it off for routine training.	10/13/2009	Salomon, Karla J.	Completed
Latent Condition	567	Cracking	FCC	2008	3-11	Are operating ranges for process variables specified in the same engineering units as the instrument read-out or indicator (i.e., mental conversion of units is avoided)?	Honeywell field mounted smart meters indicate flow in percent of range, as opposed to the actual engineering unit.	Considered as a system wide issue.	This issue will not be changed in the plant since perations can look at gauge glasses to verify levels and or call into the board operator for flows that cannot be indicated outside.	10/13/2009	Salomon, Karla J.	Completed